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NEWS 2		"Ask CAS" for self-help around the clock
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NEWS 4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS 7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS 8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 13	JAN 30	Saved answer limit increased
NEWS 14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS 15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 16	FEB 22	Status of current WO (PCT) information on STN
NEWS 17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS 21	FEB 28	TOXCENTER reloaded with enhancements
NEWS 22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS 23	MAR 01	INSPEC reloaded and enhanced
NEWS 24	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:22:26 ON 08 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:22:36 ON 08 MAR 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0
DICTIONARY FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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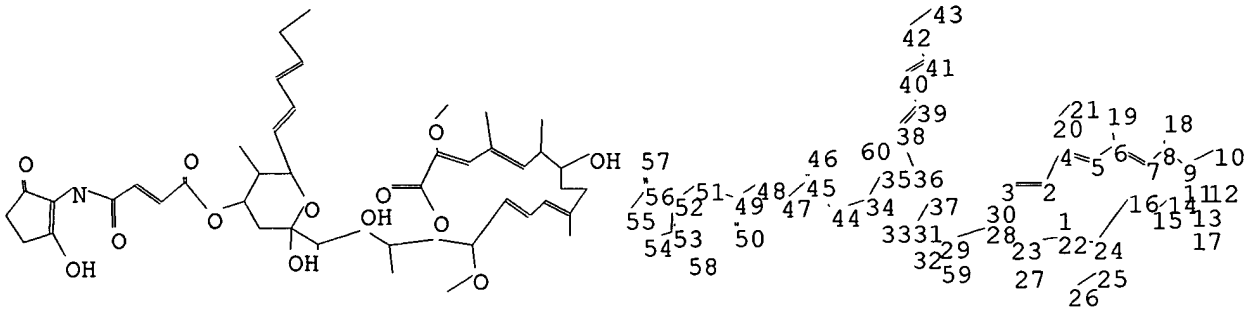
=>
Uploading C:\Program Files\Stnexp\Queries\10517788.str

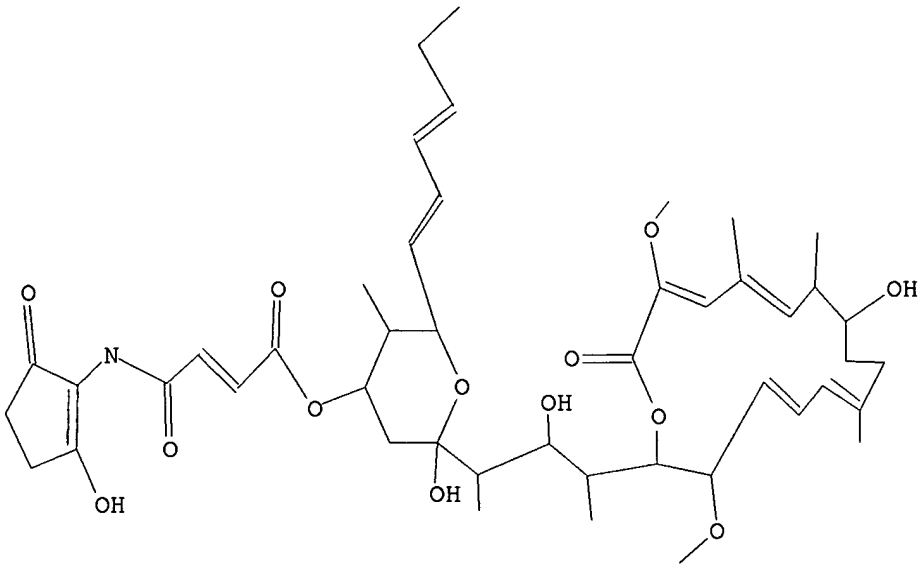


chain nodes :
3 10 17 18 19 20 21 23 25 26 27 28 29 30 32 38 39 40 41 42 43
44 45 46 47 48 49 50 51 57 58 59 60
ring nodes :
1 2 4 5 6 7 8 9 11 12 13 14 15 16 22 24 31 33 34 35 36 37 52
53 54 55 56
chain bonds :
2-3 4-20 6-19 8-18 9-10 13-17 20-21 22-23 23-27 23-28 24-25 25-26 28-29
28-30 29-31 29-59 31-32 34-44 35-60 36-38 38-39 39-40 40-41 41-42 42-43
44-45 45-46 45-47 47-48 48-49 49-50 49-51 51-52 53-58 56-57
ring bonds :
1-2 1-22 2-4 4-5 5-6 6-7 7-8 8-9 9-11 11-12 12-13 13-14 14-15 15-16
16-24 22-24 31-33 31-37 33-34 34-35 35-36 36-37 52-53 52-56 53-54 54-55
55-56
exact/norm bonds :
1-2 1-22 2-3 2-4 4-5 4-20 5-6 6-7 7-8 8-9 9-10 9-11 11-12 12-13 13-14
14-15 15-16 16-24 20-21 22-24 24-25 25-26 28-30 31-32 31-33 31-37 33-34
34-35 34-44 35-36 36-37 44-45 45-46 49-50 49-51 51-52 52-53 52-56 53-54
53-58 54-55 55-56 56-57
exact bonds :
6-19 8-18 13-17 22-23 23-27 23-28 28-29 29-31 29-59 35-60 36-38 38-39
39-40 40-41 41-42 42-43 45-47 47-48 48-49

Match level :
1:Atom 2:Atom 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:CLASS 24:Atom 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS 31:Atom 32:CLASS 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS
45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:Atom
53:Atom 54:Atom 55:Atom 56:Atom 57:CLASS 58:CLASS 59:CLASS 60:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED -       14 TO ITERATE

100.0% PROCESSED       14 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           56 TO      504
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 09:23:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      164 TO ITERATE

100.0% PROCESSED      164 ITERATIONS                               1 ANSWERS
SEARCH TIME: 00.00.01

L3            1 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   166.94     167.15

FILE 'CAPLUS' ENTERED AT 09:23:21 ON 08 MAR 2006
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FILE COVERS 1907 - 8 Mar 2006 VOL 144 ISS 11
FILE LAST UPDATED: 7 Mar 2006 (20060307/ED)

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=> s l3 full
L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:41492 CAPLUS
DOCUMENT NUMBER: 140:110199
TITLE: Bafilomycin-like metabolite from a novel Micromonospora species
INVENTOR(S): Van Dun, Jacobus Alphonsus Josephus; Wouters, Walter Boudewijn Leopold; Janicot, Michel Marie Francois; Mocek, Ursula Maria; Laakso, Jodi Ann
PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005311	A1	20040115	WO 2003-EP50276	20030630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2489041	AA	20040115	CA 2003-2489041	20030630
AU 2003251730	A1	20040123	AU 2003-251730	20030630
EP 1521765	A1	20050413	EP 2003-762689	20030630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005534680	T2	20051117	JP 2004-518781	20030630
US 2005245598	A1	20051103	US 2004-517788	20041214
PRIORITY APPLN. INFO.:			US 2002-393149P P	20020702
			WO 2003-EP50276 W	20030630

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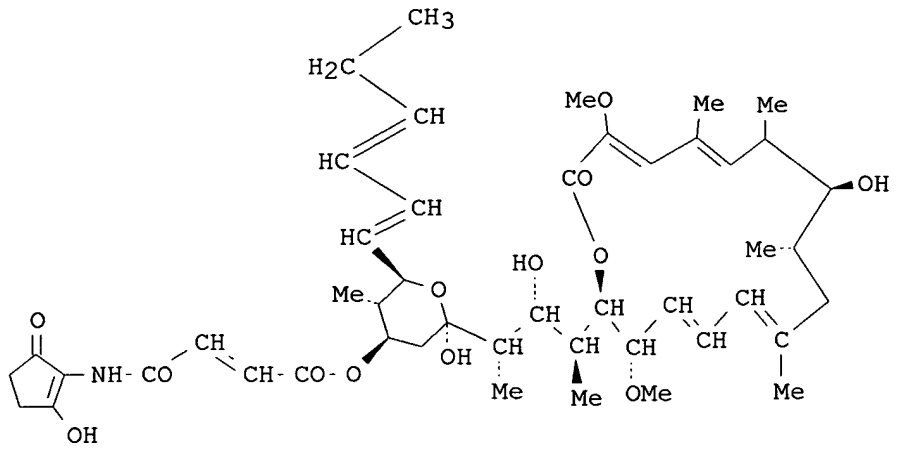


I

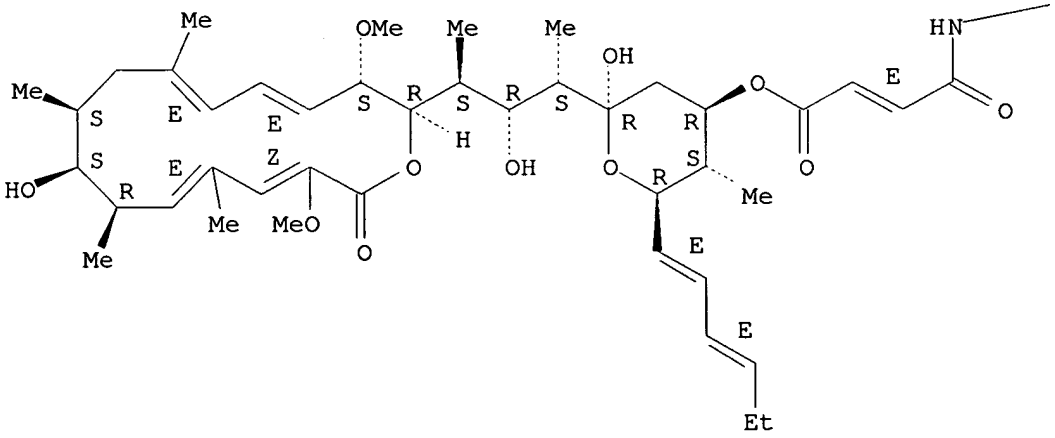
AB The invention provides a compound (I) and pharmaceutically acceptable salts thereof. Processes for the isolating of this bafilomycin metabolite from a novel Micromonospora sp., pharmaceutical compns. containing this metabolite, and methods of treatment using said metabolite are also described.

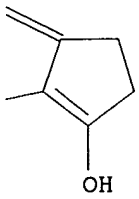
IT **646066-94-6P**
RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(bafilomycin-like metabolite from a novel Micromonospora species)

RN 646066-94-6 CAPLUS

CN 2-Butenoic acid, 4-[(2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino]-4-oxo-, (2R,4R,5S,6R)-6-(1E,3E)-1,3-hexadienyltetrahydro-2-hydroxy-2-[(1S,2R,3S)-2-hydroxy-3-[(2R,3S,4E,6E,9S,10S,11R,12E,14Z)-10-hydroxy-3,15-dimethoxy-7,9,11,13-tetramethyl-16-oxooxacyclohexadeca-4,6,12,14-tetraen-2-yl]-1-methylbutyl]-5-methyl-2H-pyran-4-yl ester, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as described by E or Z.





REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:949245 CAPLUS
DOCUMENT NUMBER: 141:36022
TITLE: R176502, a new bafilolide metabolite with potent antiproliferative activity from a novel Micromonospora species
AUTHOR(S): Laakso, Jodi A.; Mocek, Ursula M.; Van Dun, Jacky; Wouters, Walter; Janicot, Michel
CORPORATE SOURCE: Bothell Research Center, Albany Molecular Research, Inc., Bothell, WA, 98011, USA
SOURCE: Journal of Antibiotics (2003), 56(11), 909-916
CODEN: JANTAJ; ISSN: 0021-8820
PUBLISHER: Japan Antibiotics Research Association
DOCUMENT TYPE: Journal
LANGUAGE: English

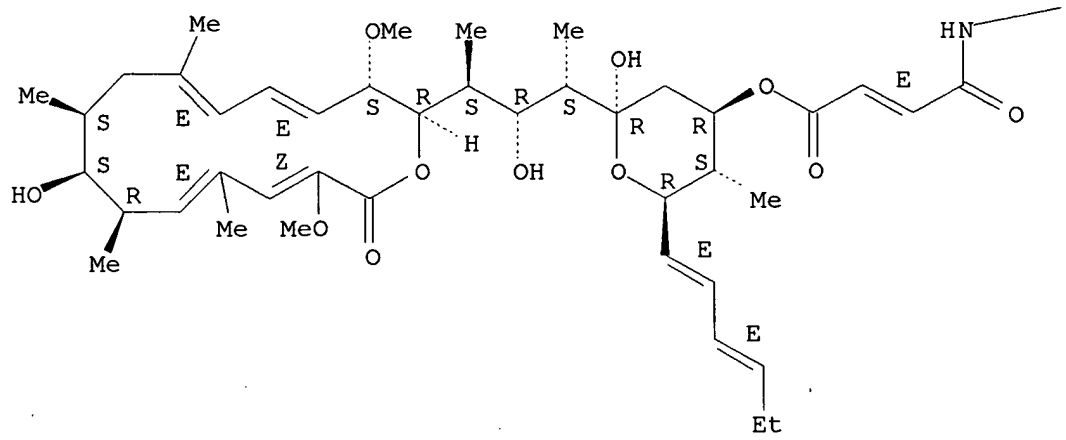
AB During the course of a screening program intended to identify new antiproliferative agents, a new bafilolide metabolite was discovered. R176502 was isolated from the liquid fermentation cultures of a novel Micromonospora species found in African river bottom sediment. It was purified from Et acetate exts. using a series of countercurrent chromatog. steps. The structure was determined using 1- and 2-D NMR expts. Three previously described bafilomycins (bafilomycins A1 (2), B1 (3), and B2 (4)) were also isolated (from other microbial strains). R176502 exhibited potency for inhibition of tumor cell proliferation in the nM range of concns.

IT **646066-94-6P**, R 176502
RL: BMF (Bioindustrial manufacture); NPO (Natural product occurrence); PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(R176502 is a new bafilolide metabolite with potent antiproliferative activity from a novel Micromonospora species)

RN 646066-94-6 CAPLUS
CN 2-Butenoic acid, 4-[(2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino]-4-oxo-, (2R,4R,5S,6R)-6-(1E,3E)-1,3-hexadienyltetrahydro-2-hydroxy-2-[(1S,2R,3S)-2-hydroxy-3-[(2R,3S,4E,6E,9S,10S,11R,12E,14Z)-10-hydroxy-3,15-dimethoxy-7,9,11,13-tetramethyl-16-oxooxacyclohexadeca-4,6,12,14-tetraen-2-yl]-1-methylbutyl]-5-methyl-2H-pyran-4-yl ester, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as described by E or Z.

PAGE 1-A



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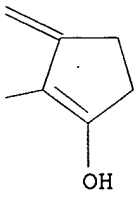

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.14	178.29

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

FILE 'MARPAT' ENTERED AT 09:24:20 ON 08 MAR 2006
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FILE CONTENT: 1969-PRESENT VOL 144 ISS 10 (20060303/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1969-1987

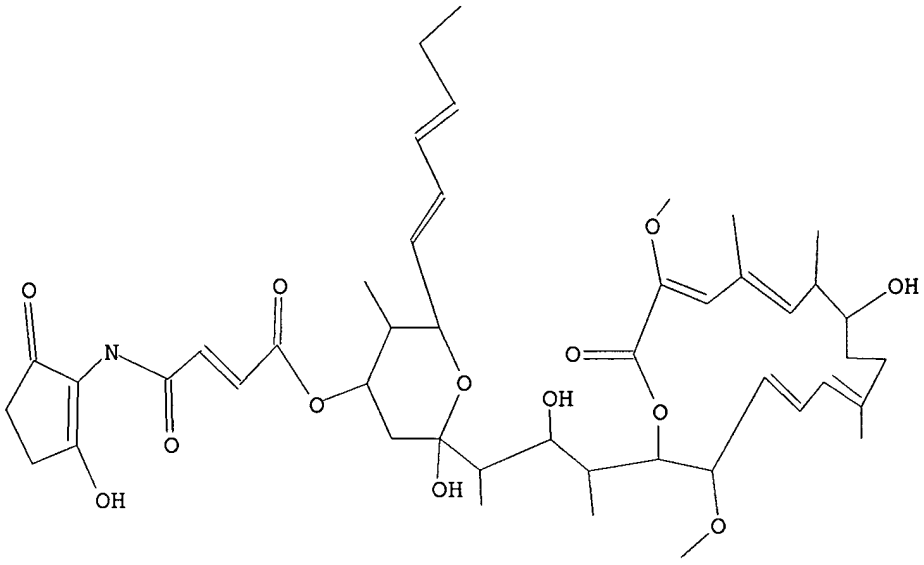
MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2006014764 19 JAN 2006
DE 202005014897 22 DEC 2005
EP 1609846 28 DEC 2005
JP 2005353222 22 DEC 2005
WO 2006003494 12 JAN 2006
GB 2415429 28 DEC 2005
FR 2871802 23 DEC 2005
RU 2266908 27 DEC 2005
CA 2495134 23 DEC 2005

Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 09:24:43 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 6066 TO ITERATE

99.7% PROCESSED 6049 ITERATIONS 2 ANSWERS

100.0% PROCESSED 6066 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.24

L5 2 SEA SSS FUL L1

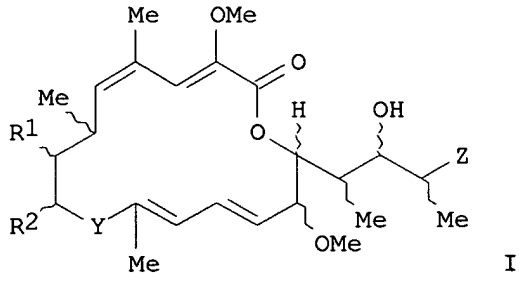
=> d ibib abs fqhit

L5 ANSWER 1 OF 2 MARPAT COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 136:161384 MARPAT
TITLE: V-type ATPase inhibitors as GDNF formation promoters for treatment of Parkinson disease and ALS (amyotrophic lateral sclerosis)
INVENTOR(S): Taki, Shigeyuki; Akama, Tomoko; Nishiguchi, Mariko;

Tokugawa, Kimiko
PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002047206	A2	20020212	JP 2000-233189	20000728

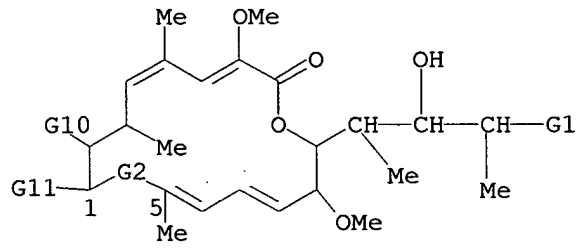
PRIORITY APPLN. INFO.: JP 2000-233189 20000728
GI



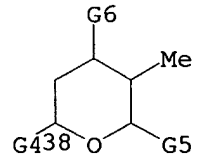
I

AB V-type ATPase inhibitors (I; Markush's structures given) and their pharmaceutically acceptable salts and prodrugs are claimed as GDNF formation promoters and neuroprotectants for treatment of Parkinson disease, amyotrophic lateral sclerosis, and other nerve degeneration diseases.

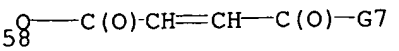
MSTR 1



G1 = 38



G2 = CH2
G4 = OH
G5 = alkenyl <containing 2-8 C>
G6 = 58



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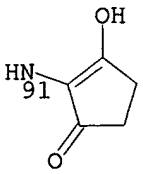

G10 = OH
Derivative: or pharmaceutically acceptable salts
Patent location: claim 3

=> d his

(FILE 'HOME' ENTERED AT 09:22:26 ON 08 MAR 2006)

FILE 'REGISTRY' ENTERED AT 09:22:36 ON 08 MAR 2006
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 1 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:23:21 ON 08 MAR 2006
L4 2 S L3 FULL

FILE 'MARPAT' ENTERED AT 09:24:20 ON 08 MAR 2006
L5 2 S L1 FULL

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	123.05	301.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.71	-2.21

STN INTERNATIONAL LOGOFF AT 09:26:21 ON 08 MAR 2006